

# MODIS L1 Integration

6 October 13 October 1999

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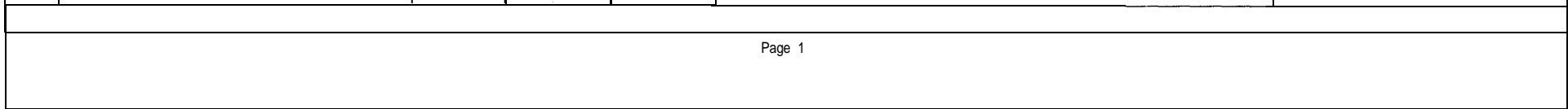
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# MODIS L1 Integration: Summary Status

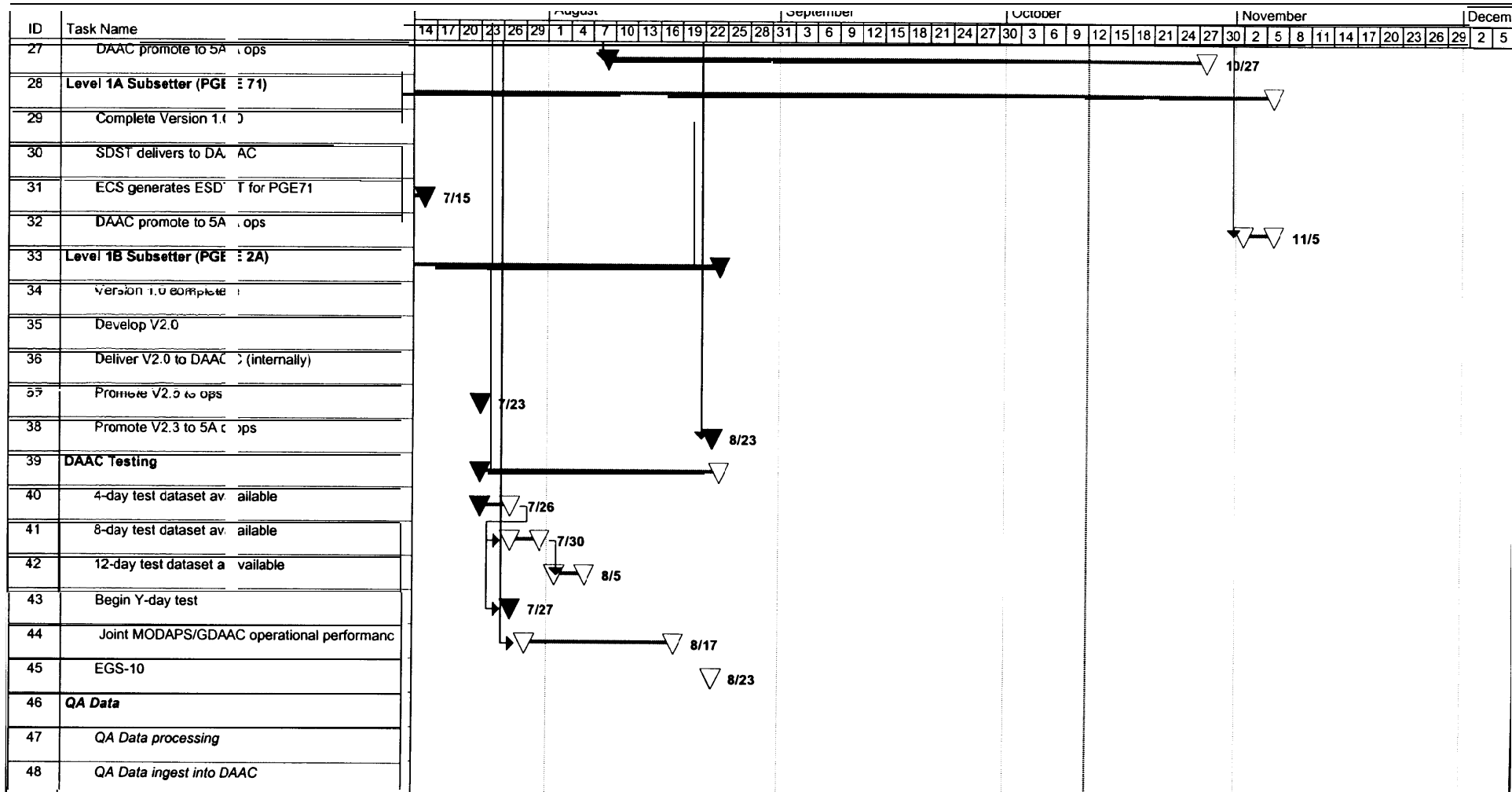
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- . L1B (PGE2)
  - Version 2.2.0 (launch version) in DAAC
  - Promote *Promoted* 2.2.0 to 5A ops by mid Sep. Received test data from SDST
- . L1A and Geolocation (PGE1)
  - Launch version in DAAC, promoted to 5A ops on 18 Aug
- . Cloud Mask (PGE3)
  - Launch version in DAAC, promoting **version 2.4.3** to 5A ops probably late Sep *end of Oct (planned date)*
  - Plan to use previous version (2.4.1) **version 2.4.3** for MOSS 3
- . L1A Subsetter (PGE71)
  - Completed, delivered to DAAC, ECS delivered ESDT in 4PY.11. Promote to 5A ops by mid Sep. Received test data from SDST to promote to 5A ops. *Waiting for ECS patch due mid Oct. Begin promoting to 5A ops in Nov.*
- . L1B Subsetter (PGE 2A)
  - Launch version in DAAC, promoted to 4PY ops on 23 Jul. Promoted to 5A ops by 23 Aug
- . Testing
  - Used L1B version 2.1.6 for MOSS 2. MOSS 2 completed
  - MOSS 3 planned for week of 27 Sep **18-22 Oct**. MOSS 3 will probably not include PGE3 and PGE71

MODIS L1 Integration  
MASTER SCHEDULE  
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## MODIS Level 1 Integration Issues

13 October 1999

Item	Responsible Person	Due Date	Comments
1. Find out what the schedule is for resolution of the following ECS problems at the GDAAC: 1. Production plan fails when fractured data is received from EDOS. 2. Subscription Delivery Notice: User string not being filled in impacts <b>cal/val</b> of sensor. 3. Unable to delete Data Processing Requests ( <b>DPRs</b> ) 4. Autosys job boxes not completing.	F Bordi	15 Ju199	<p>The schedule for resolution of the four items listed is as follows:</p> <p>Item <del>1.2</del>.1: End of August – needs 5A. 02 delivered 9/7. <u>Completed</u></p> <p>Item <del>1.2</del>.2: 15 September – needs 5A.02 delivered 9/7 (patch 5A.01 has been combined with 5A.02 and will be delivered on 7 Sep). <u>Will be tested in MOSS 3</u></p> <p>Item 1.3: <u>Completed</u></p> <p>Item <del>1.2</del>.4: this problem is expected to be fixed by the 5A.01 patch due at the end of August. <u>Completed</u></p> <p>STATUS: OPEN</p>
2. Level 1 product data volumes are 94GB above the <b>2/96</b> baseline. The volume increases are as follows: 8GB in L 1 A, 1 GB in geolocation fields and 85GB in <b>L1B</b> . Are we in agreement that this will be handled by storing <b>L1B</b> for less than 6 months or is there another approach we should be pursuing?	Ed Masuoka and Bob Murphy		<p>EM sent e-mail to the discipline leads discussing the problem.</p> <p>REM has convened a meeting of the discipline leads for Ju129</p> <p>Discipline leads met on 29 Jul. REM to write report and recommendations</p> <p>EM to close out volumes and loads by end of August (maybe sooner)</p> <p>CLOSED (with presentation at PI <b>proc</b> mtg)</p>
3. External data (GDAS)			<p>(MM) ESDIS has approved a CCR to support re-implementation of the ECS GDAS interface (NOAA changed the <b>GRIB</b> format without informing ESDIS of the change). ECS is in the process of re-implementing the interface, but the current development schedule does not have the changes completing until <b>mid</b>-July. We are looking for other resources to bring this date in but haven't found them yet.</p>

			<p>(MM) The fix for the GDAS format change has been integrated into the 4PY and 5A baselines and is being tested. It will be released as a patch by 7/30</p> <p>Delivery date to DAAC is 7 Sep 99 as part of patch 5A.02</p> <p>STATUS: CLOSED</p>
4. DAAC support for <b>PGE55</b>			<p>(MM) We may need to update the DAAC processing requirements to support PGE55, since it is my understanding that this PGE will be executed in the DAAC to provide input to PGE03 sometime in the near post-launch timeframe. Although it is my understanding that the PGE does not have significant processing requirements, adding the requirements may help mitigate the risk identified under Item 7.</p> <p>(MM) We are adding support for PGE 55. We (ESDIS and ECS Science Office) need to work with the DAAC and MODIS to ensure that existing production rules are adequate. These changes should be reflected in an update to the MODIS Science Data Processing Software System Description and in the MODAPS SIPS ICD.</p> <p>EM needs to provide MFLOPS, I/O volumes and production rules to MM, then MM will prepare written response to close out this item</p>
5. Establish policy and process to release <b>L1</b> software to the public.	RE Murphy		STATUS: OPEN
6. MCST is requesting ECS generate a new ESDT for level <b>1B</b>	B Berriman		<p>This new ESDT is a copy of the ECS core metadata into an ASCII file to support MCST daily QA activities. The method replicates QA activities already implemented at ECS by LDOPE</p> <p>(BG) Mike Linda is developing the <b>L1B</b> ESDT for QA. Expect submittal by 4 <b>Aug</b></p> <p>The ESDT may already have been delivered. BGuenther and BVollmer to check by next meeting</p>

			EM will hold CCB meeting  STATUS: <del>---</del> <u>CLOSED</u>	
7. From ETE-4, MCST received no Quick-look (EDS) data.			STATUS: CLOSED: expedited <b>dataset</b> was received On 8/18	
8. Need to develop a versioning approach for the <b>L1B</b> product	B Guenther		Assigned to B Barriman  <u>STATUS: CLOSED</u>	
- 9. <u>Need different production rule for L1A PGE</u>				
<del>9.</del> 10. <u>Need PGE versioning approach to keep GDAAC and SDST in step</u>	E Masuoka			
<del>10.</del> 11. <u>Develop a data policy for MODIS</u>	R E Murphy		<u>Does a new version of a dataset in the archive make the old version disappear'!</u> <u>/This is the approach taken by SeaWIFS and it is working well)</u>	